

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001650.D
 Acq On : 11 May 2018 20:08
 Operator : JC/MD
 Sample : J2741-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW008-180430

Quant Time: May 12 07:17:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

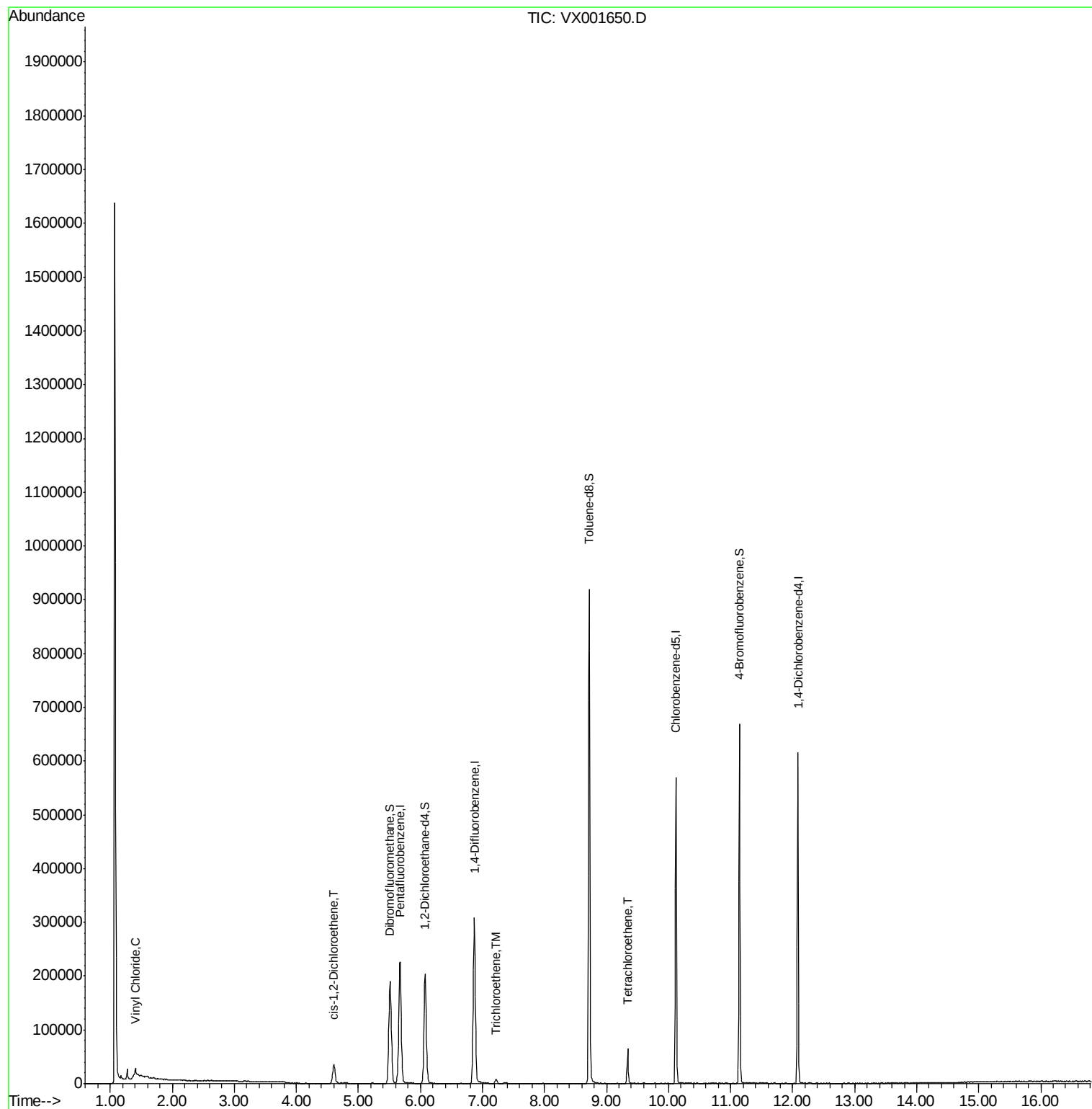
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195162	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.52%	
35) Dibromofluoromethane	5.51	113	155697	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
50) Toluene-d8	8.72	98	531377	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.14	95	165215	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7257	2.26	ug/l	# 68
27) cis-1,2-Dichloroethene	4.60	96	22584	7.30	ug/l	90
44) Trichloroethene	7.22	130	3117	0.87	ug/l	83
64) Tetrachloroethene	9.34	164	13792	3.66	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001650.D

Acq: 11 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

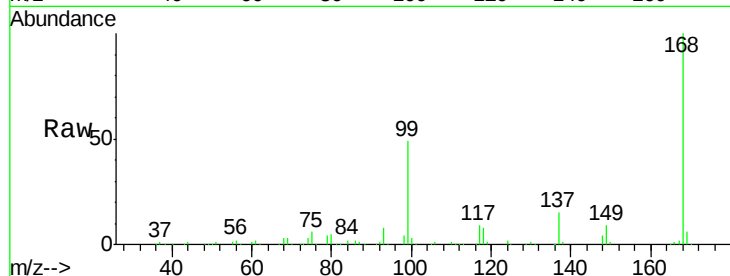
ST006MW008-180430

Tot Ion:168 Resp: 235080

Ion Ratio Lower Upper

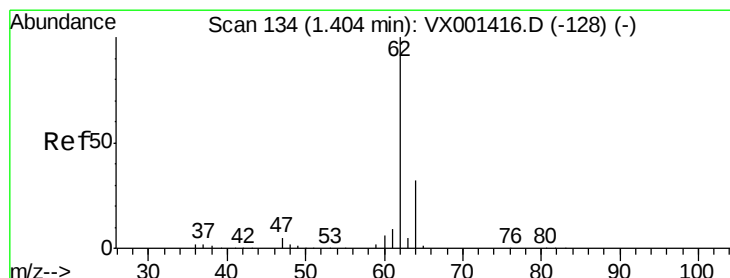
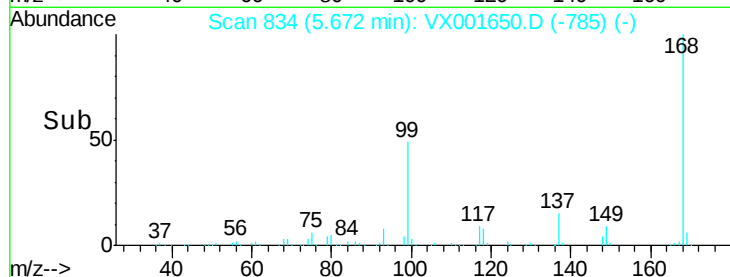
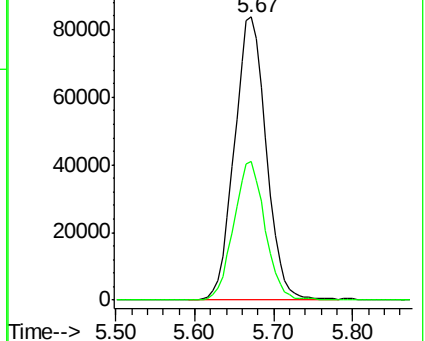
168 100

99 49.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.26 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001650.D

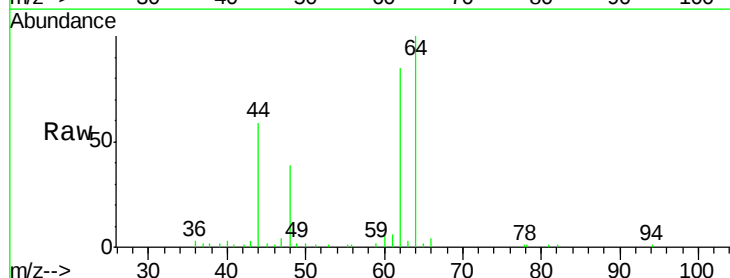
Acq: 11 May 2018 20:08

Tgt Ion: 62 Resp: 7257

Ion Ratio Lower Upper

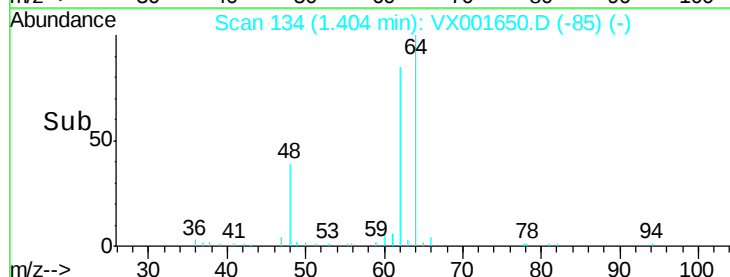
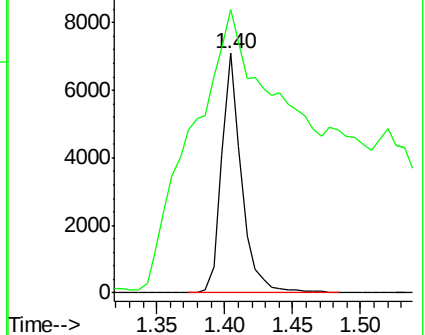
62 100

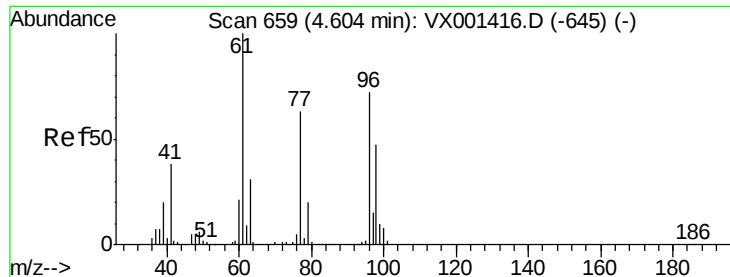
64 50.3 25.8 38.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 7.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001650.D

Acq: 11 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

ST006MW008-180430

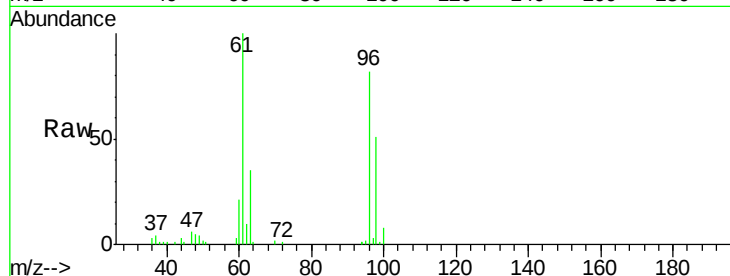
Tot Ion: 96 Resp: 22584

Ion Ratio Lower Upper

96 100

61 132.8 0.0 301.6

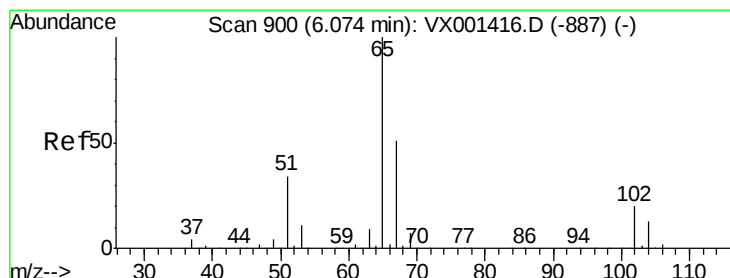
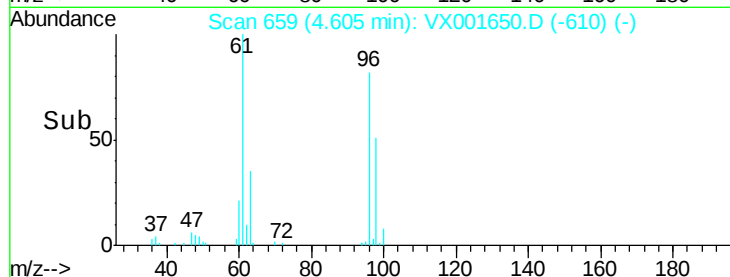
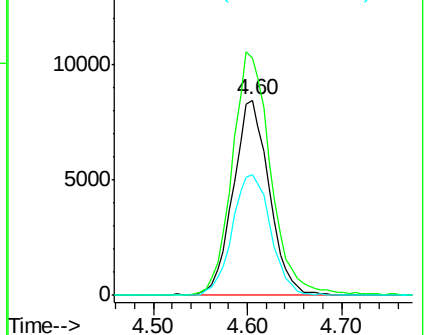
98 65.6 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001650.D

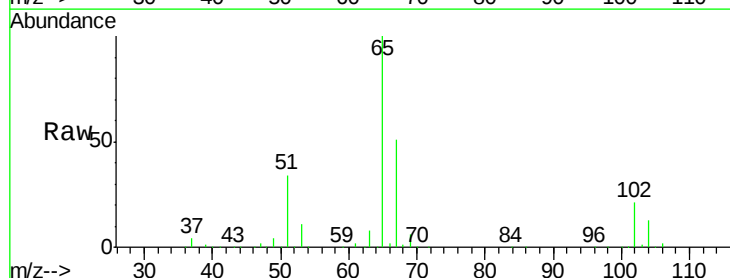
Acq: 11 May 2018 20:08

Tgt Ion: 65 Resp: 195162

Ion Ratio Lower Upper

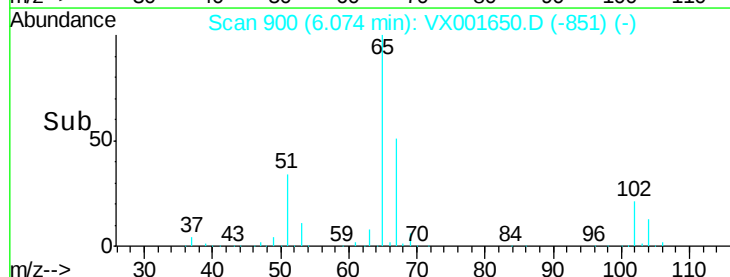
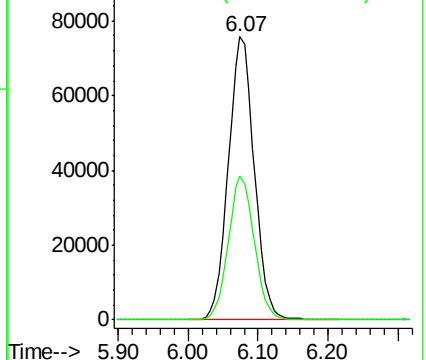
65 100

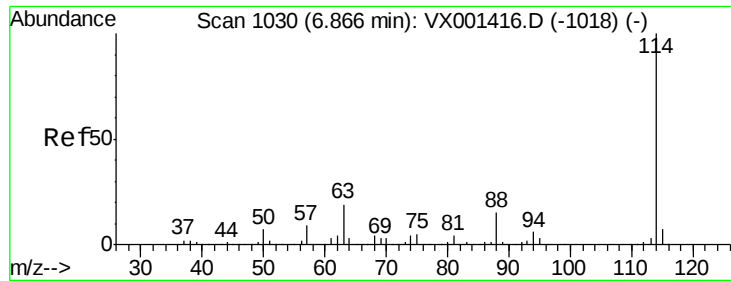
67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

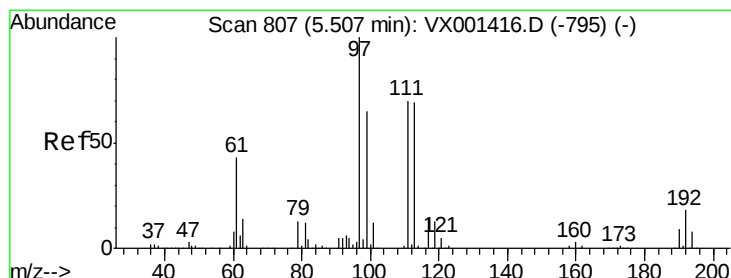
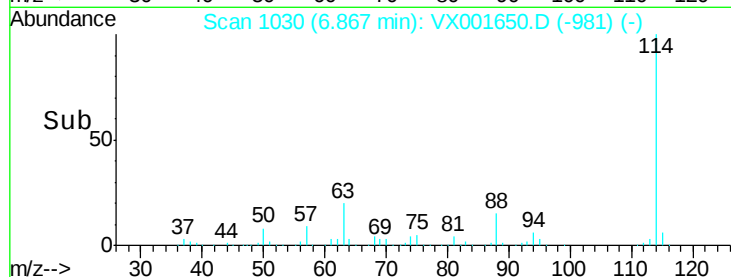
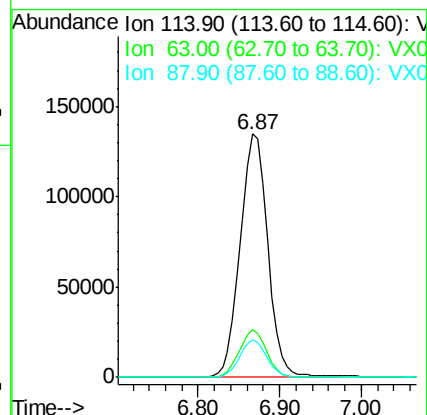
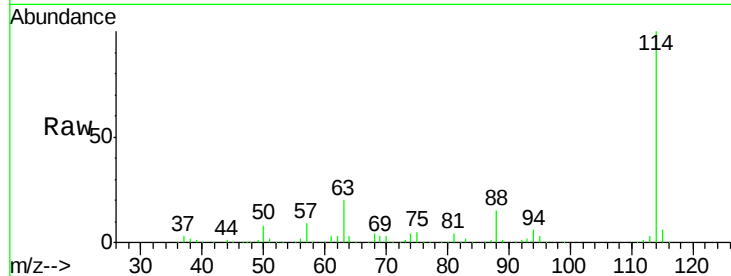




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001650.D
 Acq: 11 May 2018 20:08

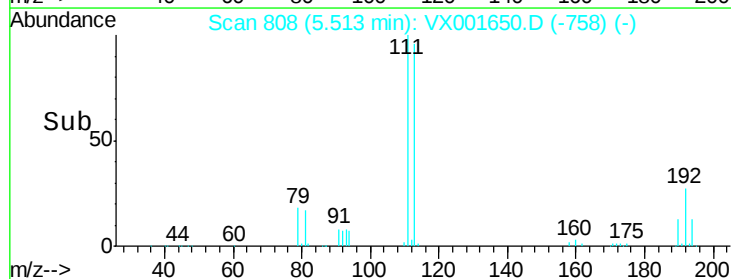
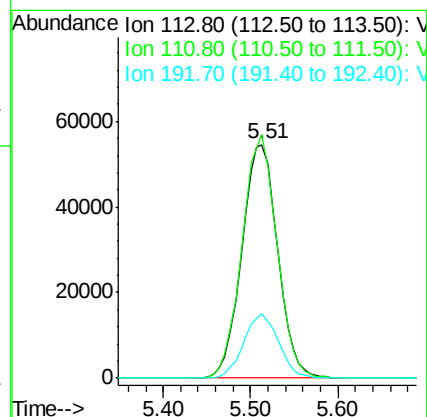
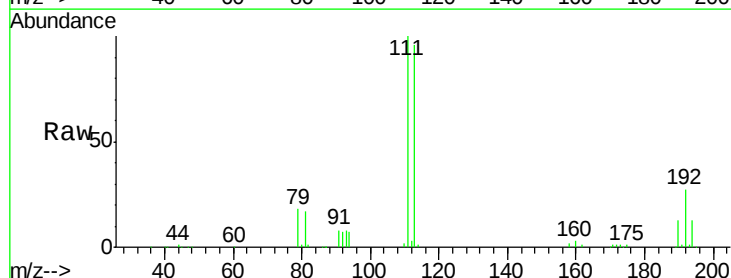
Instrument :
 MSVOA_X
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 ST006MW008-180430

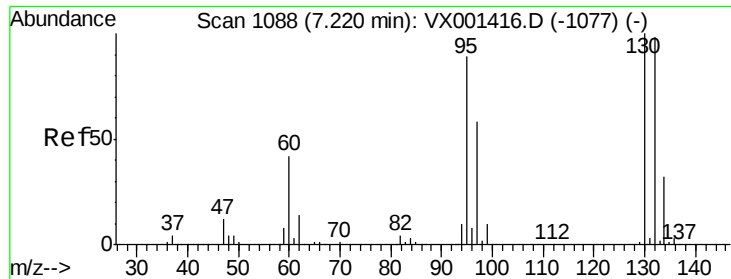
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.3	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 55.36 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001650.D
 Acq: 11 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	26.7	21.4	32.0





#44

Trichloroethene

Concen: 0.87 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001650.D

Acq: 11 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

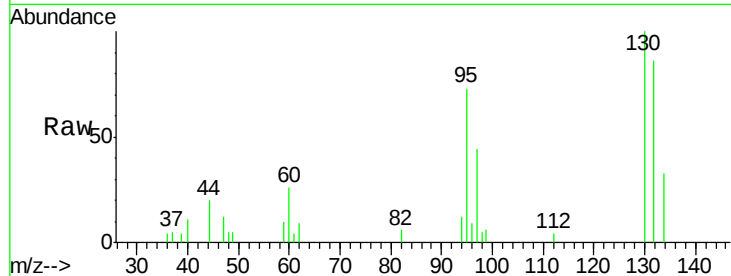
ST006MW008-180430

Tot Ion:130 Resp: 3117

Ion Ratio Lower Upper

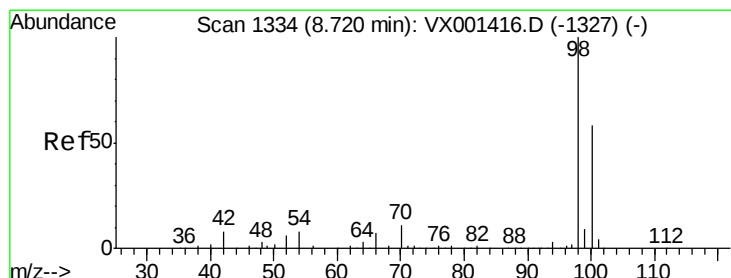
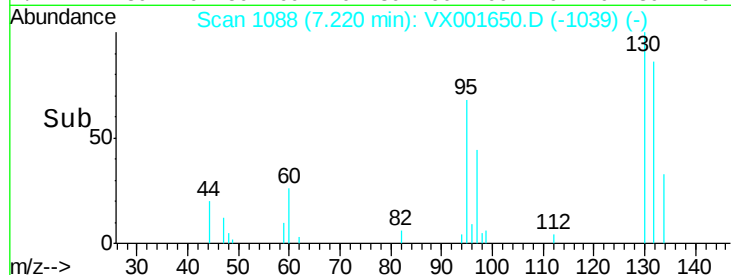
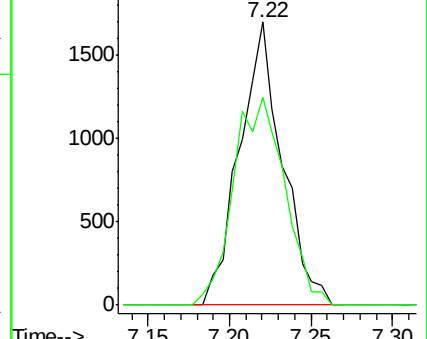
130 100

95 73.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001650.D

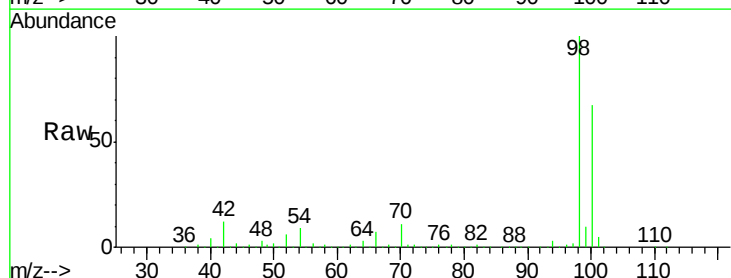
Acq: 11 May 2018 20:08

Tgt Ion: 98 Resp: 531377

Ion Ratio Lower Upper

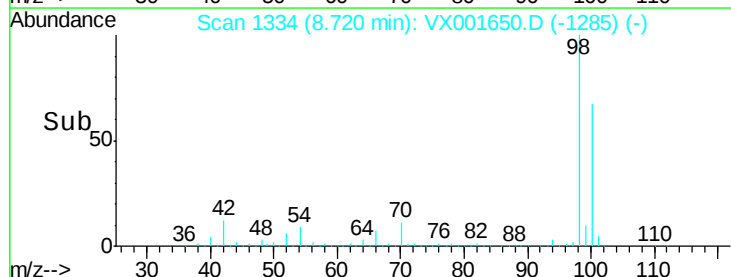
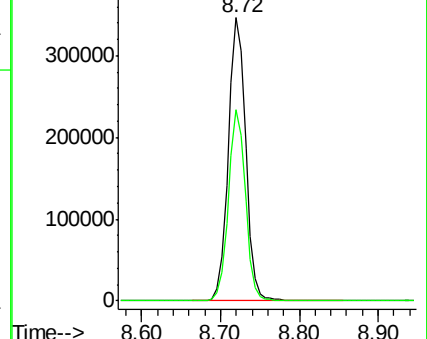
98 100

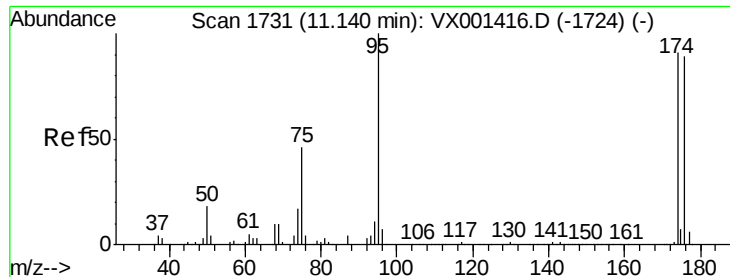
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

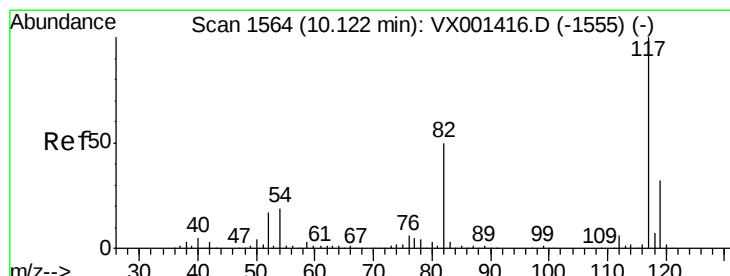
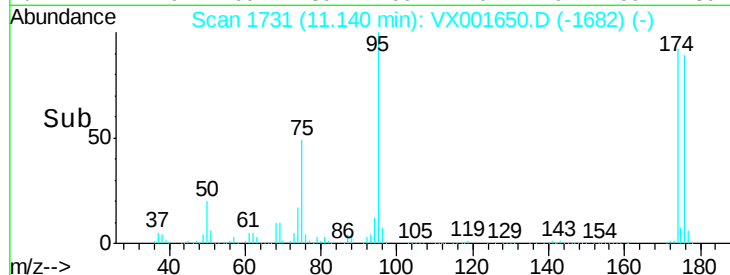
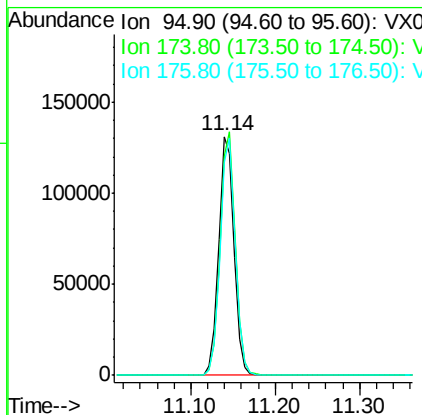
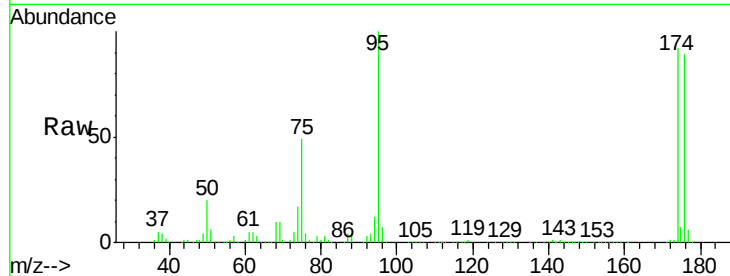




#62
4-Bromofluorobenzene
Concen: 41.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001650.D
Acq: 11 May 2018 20:08

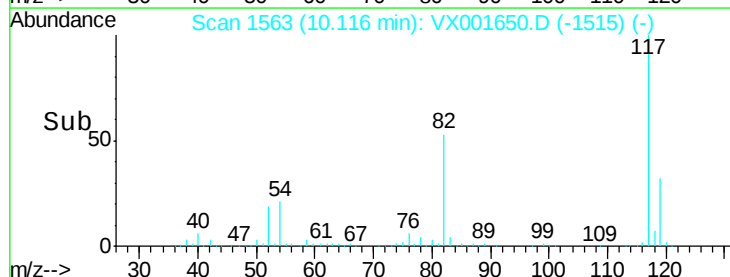
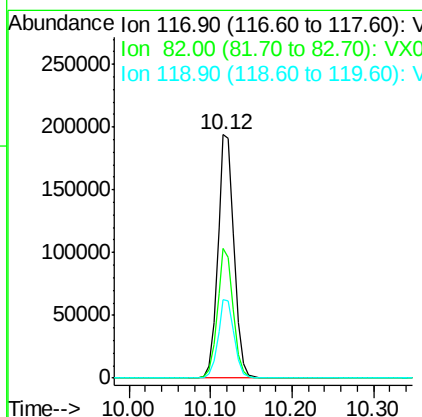
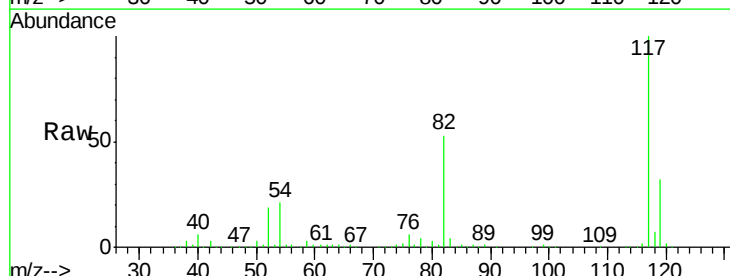
Instrument :
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ST006MW008-180430

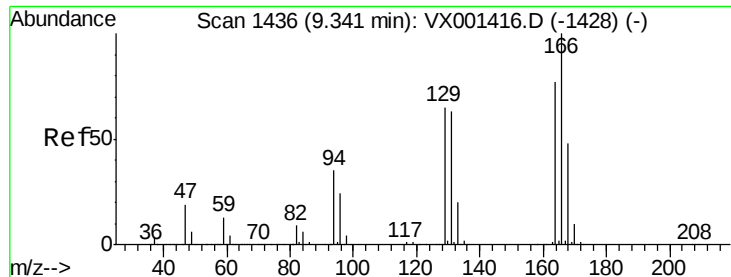
Tot Ion: 95 Resp: 165215
Ion Ratio Lower Upper
95 100
174 101.2 0.0 202.0
176 98.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001650.D
Acq: 11 May 2018 20:08

Tgt Ion: 117 Resp: 270525
Ion Ratio Lower Upper
117 100
82 53.2 40.0 60.0
119 32.1 25.8 38.8





#64

Tetrachloroethene

Concen: 3.66 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001650.D

Acq: 11 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

ST006MW008-180430

Tot Ion:164 Resp: 13792

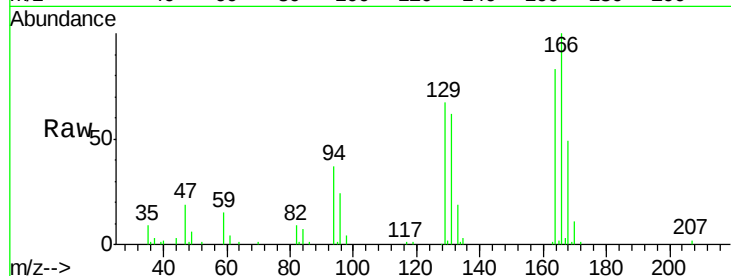
Ion Ratio Lower Upper

164 100

166 121.1 103.5 155.3

129 81.0 66.7 100.1

131 74.6 64.9 97.3

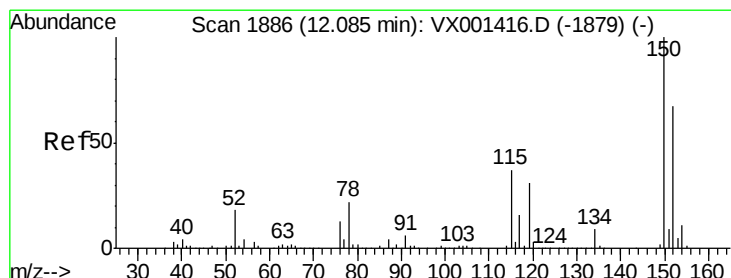
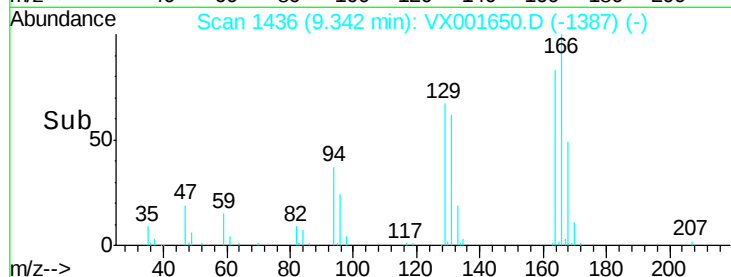
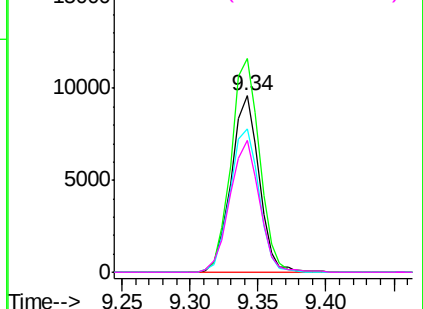


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001650.D

Acq: 11 May 2018 20:08

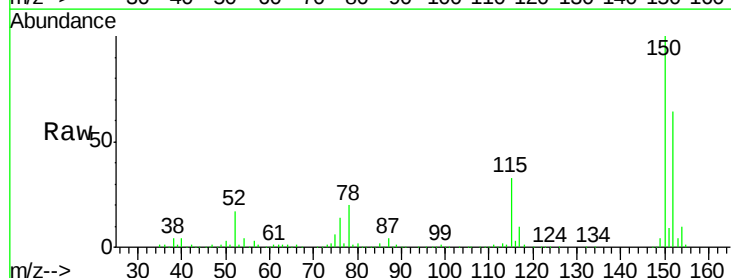
Tgt Ion:152 Resp: 132733

Ion Ratio Lower Upper

152 100

115 51.7 37.7 113.1

150 156.6 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

